

REMARKS

Reconsideration of the application in view of the above amendments and following remarks is respectfully requested.

I. Status of the Claims

Claims 1 and 4 have been amended.

Claims 5-15 have been added.

No new matter is added.

Claims 1-15 are pending.

II. Objection to the Specification

The Abstract of the application has been amended to better conform to U.S. Practice.

The Specification has been amended to correct informalities, no new matter is added. Further, Applicants note several typographic errors in the printed publication (U.S. Patent Publication No. 2007/0002524) that were not present in the originally filed Specification. These instances are enumerated below, with the discrepancies between the two documents shown in bold and italics. Applicants respectfully request that the publication be checked for the noted discrepancies and appropriate corrections be made prior to issuance.

1. Publication No. 2007/0002524 ¶[0091]:

Regarding the insoluble, infusible substrate used in the invention, the position of the main peak is indicated *by 20* and it is present at 24° or below according to the X ray diffraction (CuK α), and another broad peak is present at a position between 41 and 46° in addition to the main peak. In other words, it is suggested that the insoluble, infusible substrate has the polyacenic skeleton structure in which the aromatic polycyclic structure is developed appropriately and indicates that it forms the amorphous structure, which enables lithium ions to be doped in a stable manner. The

insoluble, infusible substrate is therefore useful as the active material for the organic electrolyte capacitor of the invention.

Originally Filed Specification, Page 31, line 20 to page 32, line 6:

Regarding the insoluble, infusible substrate used in the invention, the position of the main peak is indicated *by* 2θ and it is present at 24° or below according to the X ray diffraction ($\text{CuK}\alpha$), and another broad peak is present at a position between 41° and 46° in addition to the main peak. In other words, it is suggested that the insoluble, infusible substrate has the polyacenic skeleton structure in which the aromatic polycyclic structure is developed appropriately and indicates that it forms the amorphous structure, which enables lithium ions to be doped in a stable manner. The insoluble, infusible substrate is therefore useful as the active material for the organic electrolyte capacitor of the invention.

2. Publication No. 2007/0002524 ¶[0119]:

As has been described, the film battery uses a triple-layer laminated film in which a nylon film is bonded to the outer side of an aluminum foil and a layer of denatured polypropylene or the like is bonded to the inner side, as an exterior material. The laminated film is normally deep-drawn to a specific size. After a unit made by laminating or winding the positive electrodes, the negative electrodes, and the separators is placed inside and the interior is filled with an electrolyte solution, the laminated films are sealed by means of heat seal. An electrical storage device is thus obtained. In this instance, it is possible to pull out the positive electrode terminal (for example, an aluminum foil having a thickness of about $100\ \mu\text{M}$) and the negative electrode terminal (for example, a nickel foil having a thickness of $100\ \mu\text{m}$) to the outside of the cell from a space between the laminated films.

Originally Filed Specification, Page 41, line 19 to page 42, line 9:

As has been described, the film battery uses a triple-layer laminated film in which a nylon film is bonded to the outer side of an aluminum foil and a layer of denatured polypropylene or the

like is bonded to the inner side, as an exterior material. The laminated film is normally deep-drawn to a specific size. After a unit made by laminating or winding the positive electrodes, the negative electrodes, and the separators is placed inside and the interior is filled with an electrolyte solution, the laminated films are sealed by means of heat seal. An electrical storage device is thus obtained. In this instance, it is possible to pull out the positive electrode terminal (for example, an aluminum foil having a thickness of about $100\ \mu\text{m}$) and the negative electrode terminal (for example, a nickel foil having a thickness of $100\ \mu\text{m}$) to the outside of the cell from a space between the laminated films.

3. Publication No. 2007/0002524 ¶[0192]:

The remaining one cell is charged at a constant current of 1000 mA until the cell voltage reached 3.6 V. The cell is then subjected to constant current – constant voltage charge to keep applying a constant voltage of 3.6 V for one hour, *and S discharged* at a constant current of 10 A until the cell voltage reached 1.8 V. The discharge capacity at this point in time is 57 mAh. The results are set forth in Table 1 below.

Originally Filed Specification, Page 63 line 23 to page 64, line 4:

The remaining one cell is charged at a constant current of 1000 mA until the cell voltage reached 3.6 V. The cell is then subjected to constant current – constant voltage charge to keep applying a constant voltage of 3.6 V for one hour, *and discharged* at a constant current of 10 A until the cell voltage reached 1.8 V. The discharge capacity at this point in time is 57 mAh. The results are set forth in Table 1 below.

III. Acknowledgment of Allowable Subject Matter

Applicants thank the Examiner for the indication that claims 1-4 are allowable. Claims 1 and 4 are amended to overcome the Objections posed by the Examiner. In addition, Applicants added claims 5-15. The new claims are supported by the Specification and each of claims 5-15

depend from either allowable claim 1 or 4. Further, new claims 5-15 do not add new matter, and do not require an additional search. Thus, Applicants submit that the application is in condition for allowance.

CONCLUSION

Each and every point raised in the Office Action dated April 15, 2008 has been addressed on the basis of the above amendments and remarks. In view of the foregoing it is believed that claims 1-15 are in condition for allowance and it is respectfully requested that the application be reconsidered and that all pending claims be allowed and the case passed to issue.

If there are any other issues remaining which the Examiner believes could be resolved through a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at the telephone number indicated below.

Dated: July 8, 2008

Respectfully submitted,

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